

## PUBLICATIONS – BRIAN NICHOLAS POPP

(Google Scholar Citations as of August 2020 in parentheses; total citations 13,125; current h-index = 65)

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Last updated: 31 October 2020

1. Doherty S.C, Maas A.E, Steinberg D.K., Popp B.N., and Close H.G. (2020) Distinguishing zooplankton fecal pellets as a component of the biological pump using compound-specific isotope analysis of amino acids. *Limnology and Oceanography* (submitted 09/03/2020).
2. Wall C.B, Wallsgrove N.J., Gates R.D., and Popp B.N. (2020) Amino acid  $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$  analyses reveal distinct species-specific patterns of trophic plasticity in a marine symbiosis. *Limnology and Oceanography* (submitted 08/11/2020).
3. Seminoff J.A., Komoroske L.M., Amorochio D., Dutton P.H., Donoso M., Heidemeyer M., Hoeffler G., Jones T.T., Kelez S., Lemons G.E., de Paz N., Rguez-Baron J.M., Sampson L., Santos Baca L., Vejar Rubio M., Zárata P., Zavala-Norzagaray A., and Popp B.N. (2020) Large-scale patterns in the trophic ecology of green turtles in the eastern Pacific: Insights from bulk tissue and compound specific stable isotope analysis. *Ecosphere* (in press 10/05/2020).
4. Blum J.D., Drazen J.C., Johnson M.W., Popp B.N., Motta L.C., and Jamieson A.J. (2020) Mercury isotopes identify near-surface mercury in deep sea trench biota. *Proceeding of the National Academy of Sciences* (in press 10/15/2020).
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9. Tokuda A.K., Drazen J.C., Gerringer M.E., Popp B.N., Grammatopoulou E. and Mayor D.J. (2020) Trophic interactions of megafauna in the Mariana and Kermadec trenches inferred from stable isotope analysis. *Deep Sea Research I* 164:103360, <https://doi.org/10.1016/j.dsr.2020.103360>.
10. Romero-Romero S., Ka'apu-Lyons C.A., Umhau B.P. Benitez-Nelson C.R., Hannides C.C.S, Close H.G., Drazen J.C. and Popp B.N. (2020) Deep zooplankton rely on small particles in response to low particle flux. *Limnology and Oceanography Letters* doi: 10.1002/lol2.10163.

11. Motta L.C., Blum J.D., Popp B.N., Drazen J.C., and Close H.G. (2020) Mercury stable isotopes in flying fish as a monitor of phytochemical degradation of methylmercury in the Atlantic and Pacific Oceans. *Marine Chemistry* 223:103790, <https://doi.org/10.1016/j.marchem.2020.103790>.
12. Fackrell J., Glenn C., Thomas D., Whittier R. and Popp B.N. (2020) Stable isotopes of precipitation and groundwater provide new insight into groundwater recharge and flow in a structurally complex hydrogeologic system; West Hawaii, USA. *Hydrology Journal* 28:1191-1207, doi/10.1007/s10040-020-02143-9.
13. Hannides C.C.S., Popp B.N., Close H.G., Benitez-Nelson C.R., Ka'apu-Lyons C.A., Gloeckler K., Wallsgrove N., Uhau B., Palmer E., and Drazen J.C., (2020) Seasonal dynamics of midwater zooplankton and relation to particle cycling in the North Pacific Subtropical Gyre. *Progress in Oceanography* 182:102266, <https://doi.org/10.1016/j.pocean.2020.102266>. (4)
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